



Indiana Department of Environmental Management
Office of Water Quality
Wetlands Section

Publication Date:
October 4, 2010

Closing Date:
October 25, 2010

PUBLIC NOTICE

IDEM ID Number:
2010-232-22-DDC-A

Corps of Engineers ID Number:
LRL-2010-552-kjs

To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

1. Applicant: Aftab Chaudhry
AC Development
3409 Green Valley Road
New Albany, IN 47150

2. Agent: Brad Anderson
Redwing Ecological Services, Inc.
1139 South Fourth Street
Louisville, KY 40203

3. Project location: Survey 85 of the Clark Military Grant, Township 2 South, New Albany USGS Quad, in Floyd County
The project is located 0.9 miles east from the intersection of Interstate 265 and State Highway 311.

4. Affected waterbody: Forested, Scrub-Shrub, and Emergent Wetlands and Unnamed Tributaries to Jacobs Branch

5. Project Description: The proposed project is to construct a commercial development site. In order to do so, the applicant proposes impact approximately 0.091 acre of forested, 0.057 acre of scrub-shrub, and 0.603 acre of emergent wetlands with the discharge of clean earthen fill from the project site. In addition, the applicant proposes to impact approximately 155 linear feet of three ephemeral tributaries with the discharge of 20 cubic yards of clean earthen fill. The applicant shall impact approximately 0.53 acre of open water with the placement 340 cubic yards of clean fill. As compensatory mitigation for impacts, the applicant proposes to construct 1.33 acres of emergent and 0.13 acre of forested wetland, establish a 50 foot wide wooded riparian corridor along 820 linear feet of Jacobs Creek, and create 0.11 acre of open water. For additional information: <http://www.in.gov/idem/5474.htm>

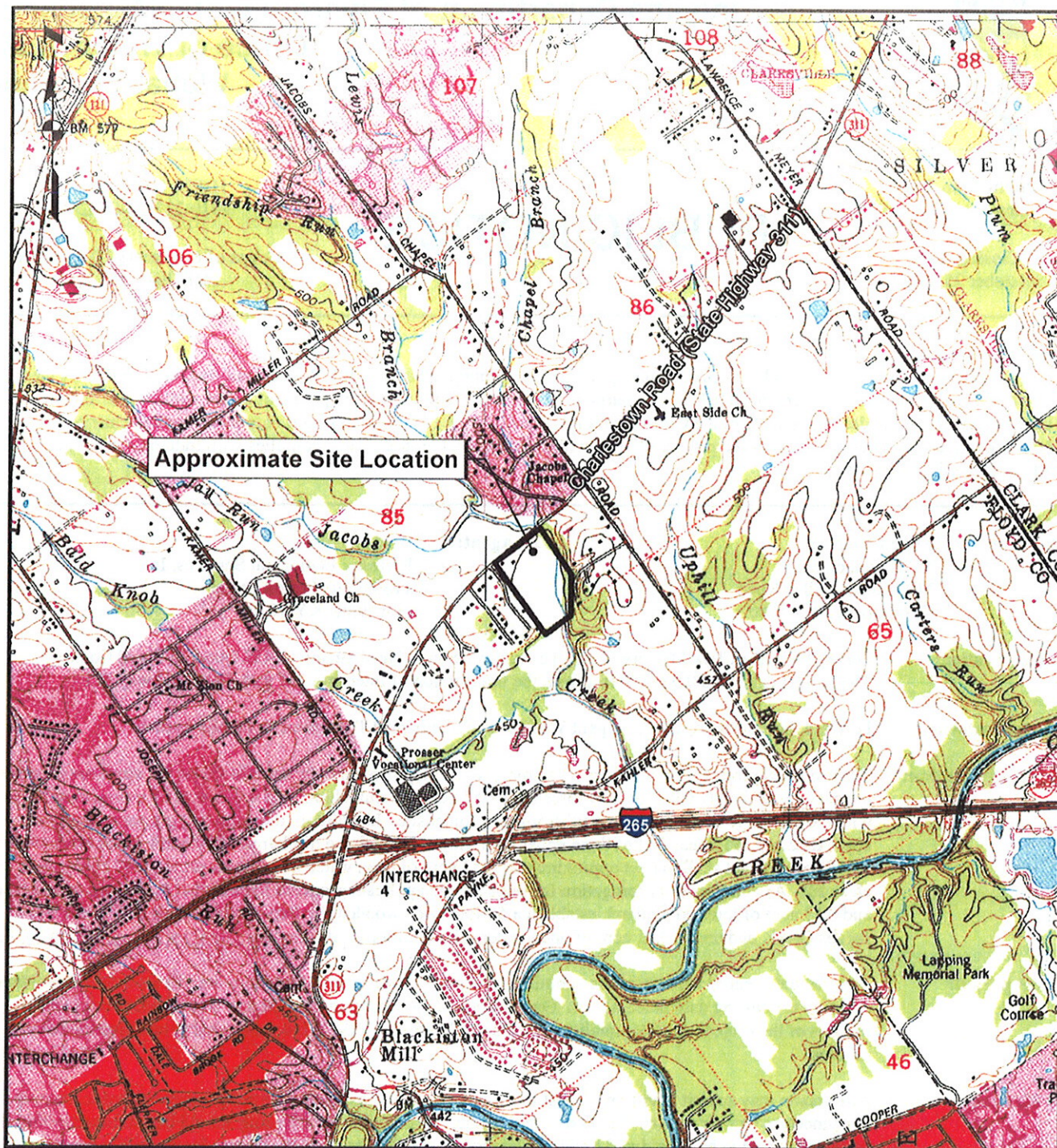
Comment period: Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

Public Hearing: Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

Questions? Additional information may be obtained from Mr. David Carr, Project Manager, at 317-234-6350. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251
FAX: 317/232-8406

Source: USGS 7.5-minute topographic quadrangles - New Albany, Indiana



0 2,000 4,000 6,000 8,000 Feet

CHARLESTOWN ROAD PROPERTY
FLOYD COUNTY, INDIANA

SITE LOCATION MAP

FILE: Redwing/08-024/Figures/site location

REDWING PROJECT 08-024

REVISED DATE 09-30-08

DRAWN BY bma



FIGURE 1

Source: Indiana NAIP 2007 - Floyd County



0 300 600 900 1,200 Feet

CHARLESTOWN ROAD PROPERTY
FLOYD COUNTY, INDIANA

FILE: Redwing/08-024/Figures/aerial

REDWING PROJECT 08-024

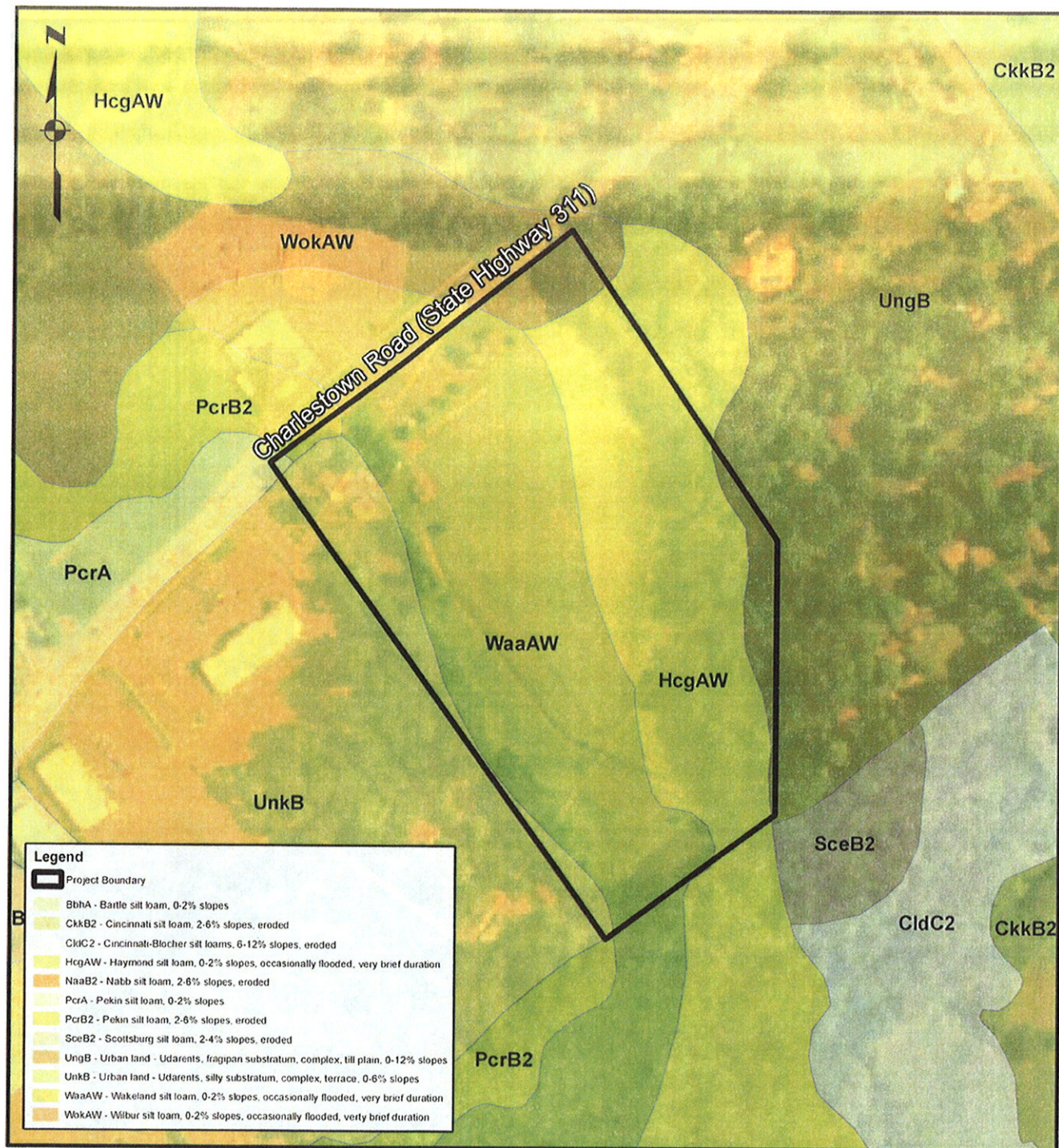
REVISED DATE 09-30-08

DRAWN BY bma



AERIAL PHOTOGRAPH

FIGURE 2



0 300 600 900 1,200 Feet

CHARLESTOWN ROAD PROPERTY
FLOYD COUNTY, INDIANA



REDWING
ECOLOGICAL SERVICES, INC.

SOIL SURVEY MAP

FILE: Redwing/08-024/Figures/soils

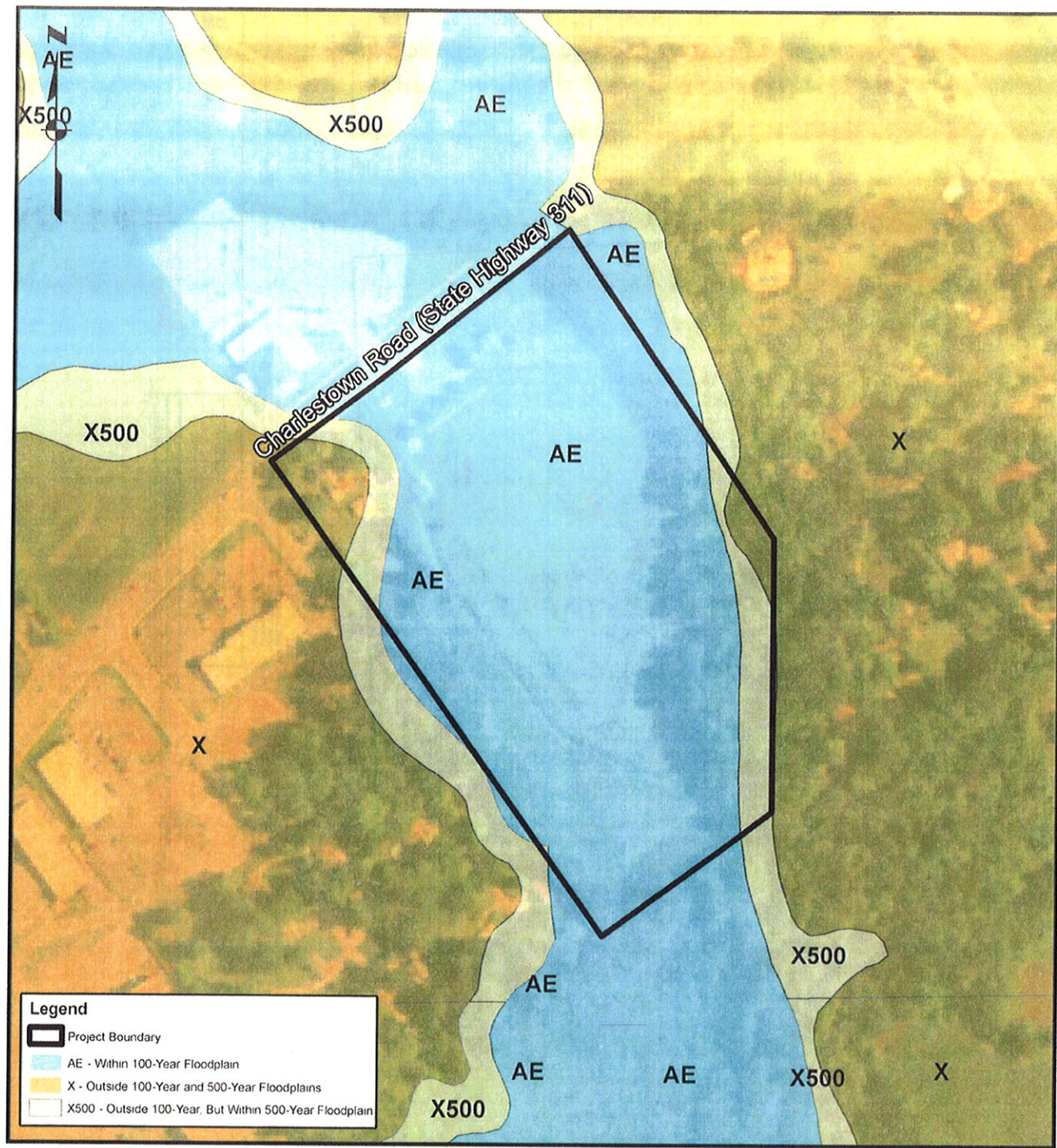
REDWING PROJECT 08-024

REVISED DATE 09-30-08

DRAWN BY bma

FIGURE 5

Source: FEMA Q3 Flood Data for Indiana (1998); Indiana NAIP 2007 - Floyd County



CHARLESTOWN ROAD PROPERTY
FLOYD COUNTY, INDIANA

FILE: Redwing/08-024/Figures/fema

REDWING PROJECT 08-024

REVISED DATE 09-30-08

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FEMA FLOODPLAIN MAP

FIGURE 6

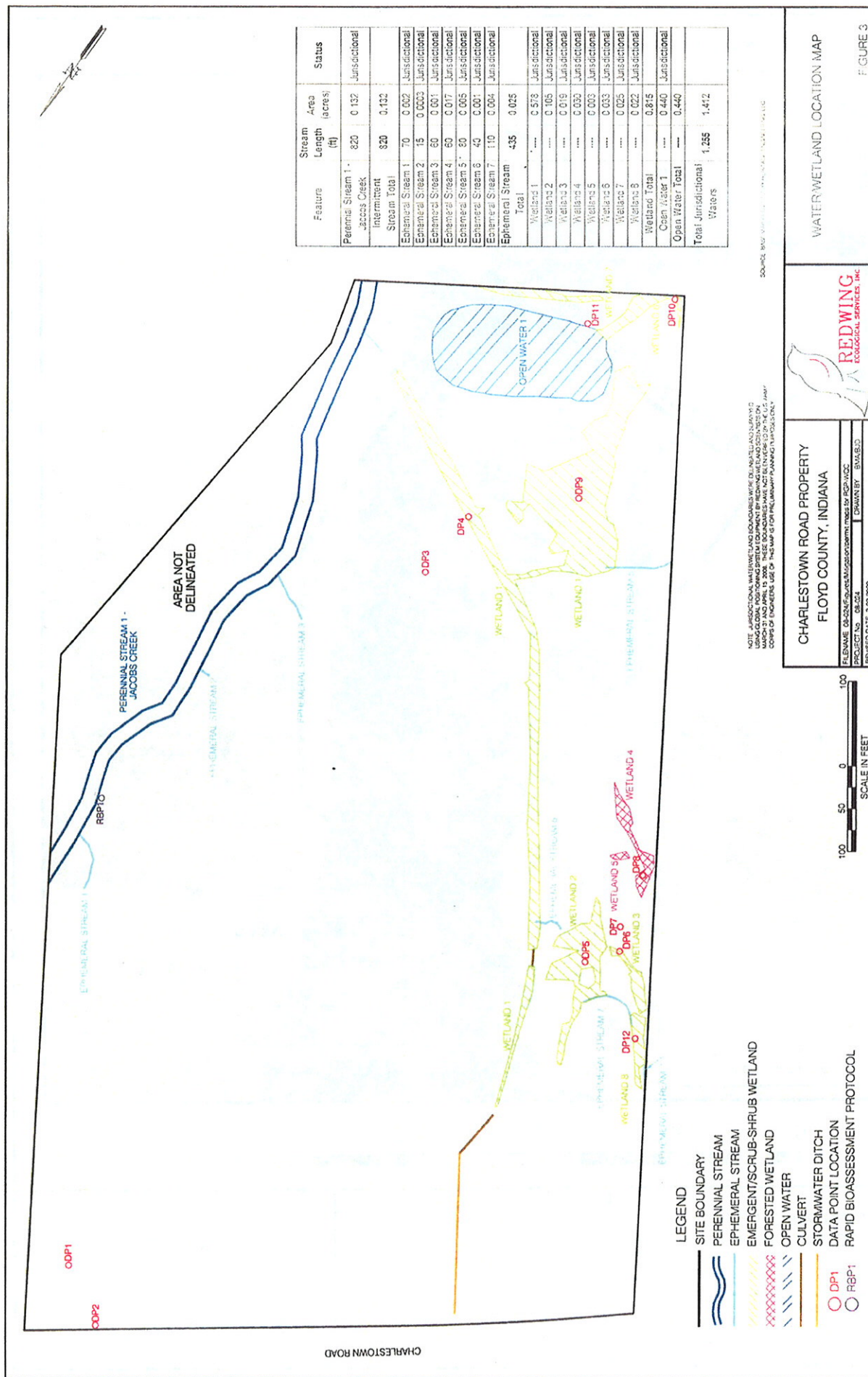


FIGURE 3

Feature	Proposed Impacts (A)	Proposed Impacts (B)	Status
Perennial Stream 1 - Jacob's Creek	0	0.000	Jurisdictional
Intermittent Stream 1	0	0.000	Jurisdictional
EpheMERAL Stream 1	0	0.000	Jurisdictional
EpheMERAL Stream 2	0	0.000	Jurisdictional
EpheMERAL Stream 3	0	0.000	Jurisdictional
EpheMERAL Stream 4	0	0.000	Jurisdictional
EpheMERAL Stream 5	70	0.004	Jurisdictional
EpheMERAL Stream 6	40	0.001	Jurisdictional
EpheMERAL Stream 7	45	0.002	Jurisdictional
EpheMERAL Stream 8	155	0.006	Jurisdictional
Wetland 1	---	0.543	Jurisdictional
Wetland 2	---	0.113	Jurisdictional
Wetland 3	---	0.004	Jurisdictional
Wetland 4	---	0.030	Jurisdictional
Wetland 5	---	0.003	Jurisdictional
Wetland 6	---	0.000	Jurisdictional
Wetland 7	---	0.000	Jurisdictional
Wetland 8	---	0.000	Jurisdictional
Wetland Total	---	0.683	Jurisdictional
Open Water 1	---	0.053	Jurisdictional
Open Water Total	---	0.053	Jurisdictional
Total Jurisdictional Waters	155	0.732	

- LEGEND**
- SITE BOUNDARY
 - PERENNIAL STREAM
 - EPHEMERAL STREAM
 - IMPACTED EPHEMERAL STREAM
 - EMERGENT/SCRUB-SHRUB WETLAND
 - IMPACTED EMERGENT/SCRUB-SHRUB WETLAND
 - IMPACTED FORESTED WETLAND
 - OPEN WATER
 - IMPACTED OPEN WATER
 - CULVERT LOCATION
 - STORMWATER DITCH



CHARLESTOWN ROAD PROPERTY
FLOYD COUNTY, INDIANA

FILE NAME: FiguresMapDevelopment and Mosaic.mxd by RUP: M22
PROJECT NO.: 09-024
DRAWN BY: FINALEL3
REVISED DATE: 2-22-2009

REDWING
ECOLOGICAL SERVICES, INC.

PROPOSED DEVELOPMENT PLAN

FIGURE 4



LEGEND

- | | | | |
|--|---------------------------------------|--|---------------------------------------|
| | SITE BOUNDARY | | IMPACTED OPEN WATER |
| | PERENNIAL STREAM | | CULVERT LOCATION |
| | EPHEMERAL STREAM | | STORMWATER DITCH |
| | IMPACTED EPHEMERAL STREAM | | PROPOSED EMERGENT WETLAND RESTORATION |
| | EMERGENT/SCRUB-SHRUB WETLAND | | PROPOSED FORESTED WETLAND RESTORATION |
| | IMPACTED EMERGENT/SCRUB-SHRUB WETLAND | | PROPOSED OPEN WATER MITIGATION |
| | IMPACTED FORESTED WETLAND | | PROPOSED RIPARIAN ENHANCEMENT AREA |
| | OPEN WATER | | PROPOSED RIPARIAN PRESERVATION AREA |

CHARLESTOWN ROAD PROPERTY
FLOYD COUNTY, INDIANA



CONCEPTUAL MITIGATION PLAN

FIGURE 5

FILE NAME: E:\projects\indiana\development and mitigation\map for figure 5
PROJECT NO.: 03-024
DRAWN BY: BMA
REVISED DATE: 03-02-2010



Photograph 1: General view of northwestern portion of the site where golf range was operated, looking southeast. Charlestown Road Property. March 31, 2008.



Photograph 2: General view of southeastern portion of the site, facing east. Charlestown Road Property. March 31, 2008.



Photograph 3: View of Perennial Stream 1 (Jacobs Creek), looking upstream along the eastern portion of the site. The stream had vertical eroding banks along many reaches of the stream and had a narrow riparian corridor along the right bank. Charlestown Road Property. March 31, 2008.



Photograph 4: Ephemeral Stream 1, looking downstream, just prior to its confluence with Jacobs Creek. Charlestown Road Property. March 31, 2008.



Photograph 5: View of Ephemeral Stream 3, looking downstream, just prior to its confluence with Perennial Stream 1 (Jacobs Creek). The stream lacks a wooded riparian corridor, diversity of substrate and was vegetated through most of the stream channel. Charlestown Road Property. March 31, 2008.



Photograph 6: Ephemeral Stream 4 appears to be a manmade channel that contains Wetland 1 throughout much of the manmade drainage feature and Ephemeral Stream 4 in the lower approximately 60 feet. The stream has been dammed up by beaver activity just prior to its confluence with Jacobs Creek. Charlestown Road Property. March 31, 2008.



Photograph 7: Wetland 1 is located in what appears to be a manmade channel that runs southeast in the western portion of the property and then runs east towards Jacobs Creek. Charlestown Road Property. March 31, 2008.



Photograph 8: View of the emergent portion of Wetland 2 in the west-central portion of the property. Charlestown Road Property. March 31, 2008.



Photograph 9: View of Wetland 8 in the northwestern portion of the project site. Charlestown Road Property. April 15, 2008.



Photograph 10: Wetland 6 is located in the southwest corner of the property. It receives water that overflows from Open Water 1. Charlestown Road Property. March 31, 2008.



Photograph 11: View of Open Water 1 in the southern portion of the property. Charlestown Road Property. March 31, 2008.



Photograph 12: View of manmade drainage ditch that transports stormwater run off through the western portion of the property. The ditch flows through a culvert that is located under the small building and then flows into Wetland 1. Charlestown Road Property. April 15, 2008.